



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Kavehrad et al.  
Serial No.: 10/079,936  
For: WIRELESS INFRARED MULTI-SPOT DIFFUSING  
COMMUNICATION SYSTEM  
Filed: February 19, 2002  
Examiner: Phan, Hanh  
Art Unit: 2638  
Confirmation No.: 6519  
Customer No.: 27623  
Attorney Docket No.: 823.0116USU

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed February 19, 2002. This Information Disclosure Statement is being filed:

- \_\_\_\_\_ Since this Information Disclosure Statement is being filed simultaneously with the application, no petition or fee is required.
- \_\_\_\_\_ Within three (3) months of the filing date of the national application;
- \_\_\_\_\_ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- \_\_\_\_\_ Before the mailing date of a first Office Action on the merits;

**XXX** After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

\_\_\_\_\_ After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

\_\_\_\_\_ After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p); and

\_\_\_\_\_ After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to or subsequent to the payment of the Issue Fee and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p).

\_\_\_\_\_ Filing with RCE Under 37 CFR 1.114, thus no fee is required.

37 C.F.R. 1.98 does not require a copy of U.S. patents or published U.S. patent applications to be included with an information disclosure statement. Accordingly, Applicant is not including a copy of any U.S. patent or published U.S. patent application.

We are also enclosing copies of the non-US publications listed on the attached PTO-1449.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



Paul D. Greeley  
Reg. No. 31,019  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10th Floor  
Stamford, CT 06901-2682  
(203) 327-4500

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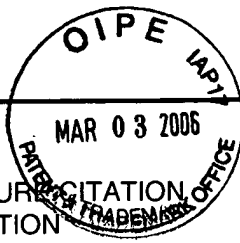
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Sheet 1 of 1.

FORM PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)



Docket Number (Optional)

823.0116USU

Application Number

Not Yet Assigned

Applicant

Kavehard et al.

Filing Date

February 19, 2002

Group Art Unit

Not Yet Assigned

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Kahn et al. "Imaging Diversity Receivers for High-Speed Infrared Wireless Communication". IEEE Communications Magazine, December 1998, pp. 88-94.
	Yun et al. "Spot-Diffusing and Fly-Eye Receivers For Indoor Infrared Wireless Communications". June 25-26, 1992 IEEE International Conference on Selected Topics In Wireless Communications, pp. 262-265.
	Tang et al. "Wireless Infrared Communication Links Using Multi-Beam Transmitters and Imaging Receivers". June 25-26, 1992 IEEE International Conference on Selected Topics In Wireless Communications, pp. 180-186.
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.